



Nitoproof® PU

Two part polyurethane waterproof coating

Uses

As a waterproof coating on cementitious surfaces.

Advantages

- Easily laid : Simple brush or roller application
- Durability : Long life on roofs
- Waterproofing : Impervious. Provides effective waterproof coating

Description

Nitoproof PU is a two part, polyurethane system. It has excellent adhesion to cementitious surfaces and when cured, forms a semigloss flexible film. It penetrates the surface to bind together the particles to produce a hardwearing and impermeable surface. It is supplied in preweighed packs and requires mixing on site.

Properties

- Cure time: Tack free in 1 hour at 30°C.
- Full cure :7 days.
- Pot life: Once both components are mixed, the mixed material should be used within 60 mins. at 30°C.
- Overcoating time: 3 hrs. at 30°C

Application instructions

Preparation

Substrate must be clean and free from all contamination and in dry condition. All loose material should be swept away and excess laitence removed by using Reebaklens, cleaning and etching agent. Surface should then be washed off thoroughly and allowed to dry completely.

Coating

Mix both the components as supplied in a plastic container or bucket with a paddle attached to a slow speed drilling machine. Using a soft brush, or roller apply the mixed material to the surface. The second coat is applied after the first coat is fully dry. Final coat should be sprinkled with dry clean sand for providing mechanical key if any pcc overlay is envisaged.

Limitations

Nitoproof PU cannot be applied below 15°C or above 40°C. Sensitive to moisture during storage and application.

Estimating

Packaging and coverage

Nitoproof PU is supplied in 1 litre and 10 litre packs. Coverage of Nitoproof PU on concrete depends to a great extent on surface texture, porosity and application thickness.

For estimation purposes, a coverage of 4-5 m² per litre, per coat can be considered.

Storage

Nitoproof PU should be stored in dry conditions in unopened containers.

Shelf life

6 months in unopened containers at 30°C under normal warehouse conditions.

Precautions

Health & Safety

Gloves should be used when handling. If contact with skin occurs, it must be washed with detergent

and water. Solvent should not be used. The use of goggles is recommended. Direct contact with eyes will cause irritation and may cause serious damage if left untreated. Any eye contamination should be washed thoroughly with plenty of water and immediate medical treatment sought.

Fire

Nitoproof PU is flammable. Adequate ventilation should be ensured during application. Smoking, presence of a naked flame is strictly prohibited.

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